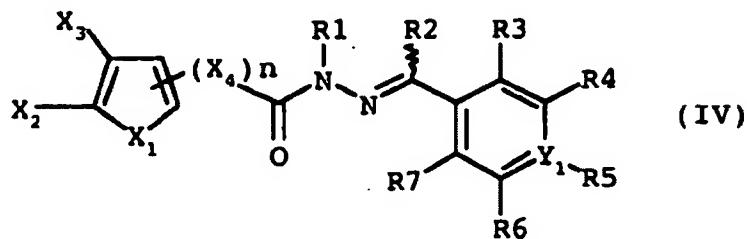


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A compound with the following general formula (IV):



in which:

R₁ and R₂, identical or different, are selected from the group consisting of: a hydrogen atom, a linear or branched lower alkyl radical of 1 to 6 carbon atoms, and a fluoroalkyl radical of 1 to 9 carbon atoms and of 3 to 7 fluoride atoms;

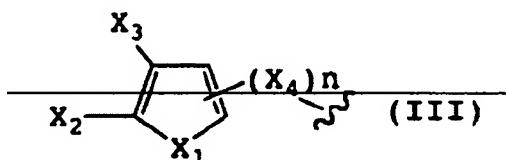
~~Y₁ is a carbon atom in order to form a phenyl nucleus or a nitrogen atom in order to form a pyridine nucleus;~~

R₃, R₄, R₅, R₆ and R₇, either identical or different, are selected from the group consisting of: an atom of hydrogen, an atom of halogen, a group of formula -OH, -OR₈ or -OCOR₉, in which R₈ and R₉ represent a linear or branched lower alkyl radical of 1 to 6 carbons, and an amino group -NH₂ or ~~-N(r, r')~~ in which r and r', either identical or different,

~~represent a linear or branched lower alky radical, an aryl radical, or a heterocycle in which r and r', taken together, form a heterocycle of variable size;~~

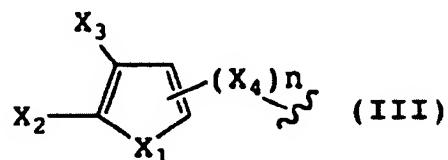
~~X₁ is selected from the group consisting of:~~

~~an oxygen atom and formula (III)~~



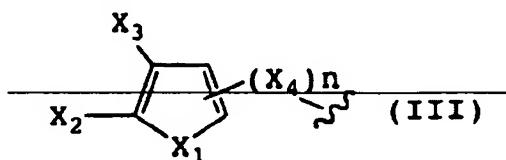
~~is a 2-furanyl or 3-furanyl nucleus as a function of the position of the chain $-(X_4)_n$ -acyl hydrazide on the α or β carbons of formula (III),~~

X_1 is a sulphur atom and formula (III)



~~is a 2-thiophene or 3-thiophen nucleus as a function of the position of the chain $-(X_4)_n$ -acyl-hydrazide on the α carbon or β carbons, the sulphur atom being capable of bearing an oxygen atom in order to form a sulphonide or two oxygen atoms in order to form a sulphone,~~

~~a nitrogen atom and formula (III)~~



is a 2-pyrrol or 3-pyrrol nucleus as a function of the position of the acetyl hydrazide chain on the α or β carbons of formula (III), the nitrogen atom being capable of bearing a hydrogen atom, a lower alkyl radical of 1 to 6 carbon atoms, a fluoroalkyl radical with 1 to 6 carbon atoms and 3 to 7 fluoride atoms, an acetyl radical COR₁₀ in which R₁₀ represents a linear or branched alkyl chain of 1 to 6 carbons or an aryl or aralkyl radical;

X₂ and X₃, either identical or different, are selected from the group consisting of: a hydrogen atom, a linear or branched lower alkyl chain of 1 to 6 carbon atoms, a fluoroalkyl radical with 1 to 6 carbon atoms and 3 to 7 fluoride atoms, a halogen atom, a nitro -NO₂ group, and an amino -NH₂ group and a N(r, r') group, in which r and r', either identical or different represent a linear or branched lower alkyl radical, an aryl radical, or a heterocycle of variable size, or

X₂ and X₃ are included in an aromatic benzenic or aza-benzenic cycle comprising a nitrogen atom, in order to form an aromatic benzofuran heterocycle when X₁ is an oxygen atom, a benzopyrrol nucleus when X₁ is a nitrogen atom either free or substituted as above, a benzothiophene nucleus when X₁ is a sulphur atom either free or substituted as above, or a pyridino type nucleus if an intracyclic nitrogen atom is present; and

n is 0 or 1; and

when n is 1, ~~x₄~~ represents a -CH₂-, -OCH₂-, or -CH=CH- group.

2-5. (cancelled)

6. (currently amended) The compound according to claim 1, wherein formula IV is defined such that the compound is selected from the group consisting of:

N' - [(1E) - (2-hydroxy-4,6-dimethoxyphenyl)methylene]-1-benzothiophene-2-carbohydrazide,

~~(2Z)-3-(2-furyl)-N' - [(1E)-(2-hydroxy-4,6-dimethoxyphenyl)methylene]~~ acrylohydrazide,

N' - [(1E) - (2-hydroxy-4,6-dimethoxyphenyl)methylene]-5-methylthiophene-2-carbohydrazide,

~~2-furanearboxylic acid (2-hydroxy-4,6-dimethoxybenzylidene) hydrazide (designated CGP02-07),~~

~~(1H-indol-3-yl) acetic acid (2-hydroxy-4,6-dimethoxybenzylidene) hydrazide, and~~

benzo[b]thiophene-2-carboxylic acid (3,5-dibromo-2-hydroxybenzylidene)-hydrazide.

7. (previously presented) The compound according to claim 1, wherein formula (IV) is defined such that the compound is N' - [(1E) - (2-hydroxy-4,6-dimethoxyphenyl)methylene]-1-benzothiophene-2-carbohydrazide.

8-13. (cancelled)

14. (previously presented) A salt of a compound according to claim 1 with a pharmaceutically acceptable acid.

15. (previously presented) A pharmaceutical composition comprising as an active agent at least one compound according to claim 1.

16. (previously presented) The composition according to claim 15, wherein the at least one compound is active with respect to treatment and/or prevention of diseases associated with lipid metabolism disorders.

17. (previously presented) The composition according to claim 15, wherein the at least one compound is active with respect to treatment and/or prevention of cardiovascular diseases.

18. (previously presented) The composition according to claim 15, wherein the at least one compound is active with respect to treatment and/or prevention of a disease selected from the group consisting of atherosclerosis, arterial restenosis, obesity, type II diabetes mellitus, cerebral ischaemia, hepatic steatosis, hypercholesterolaemia,

hypertriglyceridaemia, dyslipoproteinaemia, hylomicronaemia,
lipodystrophy, hyperglycaemia and atherosclerosis.

19. (cancelled)